

## Data Review Checklist- Organic

Case/DAS Number:	<u>R33917</u>	Site Name:	<u>Dimock</u>
Task Order #/TDF #:	<u>0042/</u>	Analysis Type:	<u>Organic</u>
Revision:	<u>0</u>	Preparer:	<u>Ex. 4 - CBI</u>
Date of Report:	<u>03/06/2012</u>	Reviewer:	<u></u>
Review #:	<u></u>		

<u>Criteria</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
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### Narrative:

First page has Lockheed  
letterhead?

Is the Report header  
information correct:

Date?

Subject: Review level?

Case number?

SDG(s)?

Site name?

From: Reviewer and  
Oversight Chemist?

To: ESAT PO?

### Overview:

Correct Case and SDG  
number(s) listed?

Correct laboratory and CLP  
Code?

Correct number and matrix of  
samples listed?

Correct sample analysis listed?

Field Quality Control (QC)  
samples identified?

Correct analytical method  
referenced in reported?

Correct analytical services  
program listed?

### Summary

Correct level of validation  
reported?

Are samples exceeding Health  
Advisory limits identified (only  
for samples with station  
location of RW or DW)?

## Data Review Checklist- Organic

<u>Criteria</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
<u>Problem(s):</u>			
Are all Major and Minor Problems listed?	_____	_____	_____
Does the Supporting Documentation justify problems and qualifications?	_____	_____	_____
Are qualifiers applied correctly?	_____	_____	_____
<u>Note(s):</u>			
Are all required notes listed?	_____	_____	_____
Blank contaminants?	_____	_____	_____
Duplicate Pairs?	_____	_____	_____
Compounds below CRQL?	_____	_____	_____
Dilutions?	_____	_____	_____
Outliers not resulting in qualifiers?	_____	_____	_____
MS/MSD Comparison? (M2 & M3)	_____	_____	_____
TICs? (M2 & M3)	_____	_____	_____
Appendix list correct?	_____	_____	_____
Are there typos in the report?	_____	_____	_____
Is the report clear?	_____	_____	_____
<u>Appendix A – Qualifier Codes</u>			
Correct qualifier list included?	_____	_____	_____
<u>Appendix B – Data Summary Forms</u>			
Correct Title/Header:			
Page numbers?	_____	_____	_____
Analysis?	_____	_____	_____
Case #?	_____	_____	_____
SDG #?	_____	_____	_____
Site Name?	_____	_____	_____
Laboratory CLP Code?	_____	_____	_____

## Data Review Checklist- Organic

<u>Criteria</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Correct Table Information:			
Sample number?	_____	_____	_____
Station Location?	_____	_____	_____
Field QC? (when applicable)	_____	_____	_____
Matrix?	_____	_____	_____
Units?	_____	_____	_____
Date Sampled?	_____	_____	_____
Time Sampled?	_____	_____	_____
pH? (VOA water only)	_____	_____	_____
% Moisture? (Soils only)	_____	_____	_____
Dilution Factor?	_____	_____	_____
CRQLs?	_____	_____	_____
Sample Concentrations?	_____	_____	_____
Is there consistency between the report narrative, the DSFs and supporting documents?	_____	_____	_____
 <u>Appendix C – Chain of Custody (CoC) Records</u>			
Regional CoC records for all samples included?	_____	_____	_____
The EPA Analytical Request Form included?	_____	_____	_____
 <u>Appendix D – Laboratory Case Narrative</u>			
SDG Narrative(s) included?	_____	_____	_____
All correspondence included?	_____	_____	_____
 <u>Appendix E – Tentatively Identified Compounds (TICs) [M2 &amp; M3 when applicable]</u>			
TIC Form Is for samples reporting TICS included?	_____	_____	_____
Are blank contaminants, laboratory artifacts, target compounds and compounds with same identification crossed off?	_____	_____	_____
All corrections to TIC Form Is initialed and dated by reviewer?	_____	_____	_____

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<u>Criteria</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
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### Attachment II

#### Appendix A – Form Is

Are Form Is for all samples included?

Any correction to Form Is

initialed and dated by reviewer?

#### Appendix B – Supporting Documentation

Blanks (Forms I & IV)?

Form X (Pest/Aroclor only)?

All necessary documentation to support problems and notes?

M2 & M3 only for following?

Initial and Continuing

Calibration (Forms V, VI & VII)?

MS/MSD (Forms I & III)?

General Comments:

Reviewed By:

Date:

#### Review # 2

Correction made after peer review?

Yes?

No?

Comments?

#### Review # 3

Correction made after peer review?

Yes?

No?

Comments?

#### Share Drive

#### Reviewer Initials

#### Date

DSF

EDD

Ex. 4 - CBI